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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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NOTICE OF ALLOWANCE AND FEE(S) DUE

06/09/2003

David B Cochran Esq. Jones Day Reavis & Pogue North Point 901 Lakeside Avenue Cleveland, OH 44114

RECEIVED

JUN 1 9 2003

Technology Center 2100

EXAMINER

EDELMAN, BRADLEY E

ART UNIT

709-200000

CLASS-SUBCLASS

2153 DATE MAILED: 06/09/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962	04/10/2000	Harry Major	555255012125	3247

TITLE OF INVENTION: NOTIFICATION SYSTEM AND METHOD FOR A MOBILE DATA COMMUNICATION DEVICE

APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	09/09/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents
'Alexandria, Virginia 22313-1450
(703)746-4000

indicated unless corrected maintenance fee notification	below or directed otherwis	e in Block 1, by (a) s	pecifying a new co	ATION FEE (if of maintenance orrespondence ad	required). Blocks 1 through 4 fees will be mailed to the curren dress; and/or (b) indicating a sep	should be completed wher t correspondence address a parate "FEE ADDRESS" fo
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Jones Day Reavis of North Point 901 Lakeside Aver Cleveland, OH 441	nue			I hereby certif United States F envelope addre	Certificate of Mailing or Tran y that this Fee(s) Transmittal is ostal Service with sufficient posta ssed to the Box Issue Fee address the USPTO, on the date indicated by	being deposited with the age for first class mail in an
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APPLICATION NO.	FILING DATE	FIR	ST NAMED INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962 TITLE OF INVENTION: N	04/10/2000		Нату Мајог		555255012125	3247
APPLN. TYPE	SMALL ENTITY NO	ISSUE FEE \$1300	PUBLI	CATION FEE	TOTAL FEE(S) DUE \$1300	DATE DUE 09/09/2003
EXAMIN	IER	ART UNIT	CLASS-SUBCL	ASS		
EDELMAN, BE	RADLEY E	2153	709-20000			
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ASSIGNEE NAME AND PLEASE NOTE: Unless ar been previously submitted to (A) NAME OF ASSIGNEE	assignee is identified belo to the USPTO or is being su	w, no assignee data w bmitted under separate	ill appear on the m	ntent. Inclusion of this form is N	f assignee data is only appropriate IOT a substitute for filing an assig COUNTRY)	e when an assignment has nment.
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☐ Publication Fee		⊔ Payr	nent by credit card.	Form PTO-2038	is attached.	
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Authorized Signature)		(Date)				
NOTE; The Issue Fee and other than the applicant; a interest as shown by the reco	registered attorney or ago ords of the United States Pa	ent; or the assignee of tent and Trademark Of	r other party in Tice.			
This collection of information of the property obtain or retain a benefit papplication. Confidentiality estimated to take 12 minute completed application form case. Any comments on the suggestions for reducing the patent and Trademark O 22313-1450. DO NOT SE	on is required by 37 CFR y the public which is to fi is governed by 35 U.S.C. 1 s to complete, including graphs to the USPTO.	1.311. The information le (and by the USPTC) 22 and 37 CFR 1.14. The information in the information in the information in the Chief Information of Commerce, Alexa.	n is required to to process) an his collection is submitting the			

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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Addres: COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/545,962	04/10/2000 Harry Major		555255012125	3247		
75	90 06/09/2003		EXAMINER			
David B Cochran	Esq		EDELMAN, BR	ADLEY E		
Jones Day Reavis & North Point	& Pogue		ART UNIT	PAPER NUMBER		
901 Lakeside Aven	ue		2153			
Cleveland, OH 441			DATE MAILED: 06/09/2003			

Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P. Do. 81450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FILING DATE FIRST NAMED INVENTOR		CONFIRMATION NO	
09/545,962	04/10/2000	Harry Major	555255012125	3247	
:	7590 06/09/2003	EXAMINE	EXAMINER		
David B Cochra		EDELMAN, BRADLEY E			
Jones Day Reavis North Point	& Pogue		ART UNIT	PAPER NUMBER	
901 Lakeside Ave			2153		
Cleveland, OH 44 UNITED STATE			DATÉ MAILED: 06/09/2003		

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application No.	Applicant(s)	
Nation of Allowahility	09/545,962	MAJOR ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Bradley Edelman	2153	
The MAILING DATE of this communication appeals allowable, PROSECUTION ON THE MERITS IS therewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT Rof the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet v (OR REMAINS) CLOSED or other appropriate comming IGHTS. This application is and MPEP 1308.	in this application. If not include nunication will be mailed in due	led course. THIS
 This communication is responsive to <u>applicant's amendments</u> The allowed claim(s) is/are <u>23-30, now renumbered 1-8</u>. The drawings filed on <u>09 April 2001</u> are accepted by the Education Acknowledgment is made of a claim for foreign priority units a) ☐ All b) ☐ Some* c) ☐ None of the: 	xaminer. der 35 U.S.C. § 119(a)-(d)	or (f).	
Certified copies of the priority documents have			
2. Certified copies of the priority documents have	• •		
Copies of the certified copies of the priority do	cuments have been receiv	ed in this national stage application	ation from the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
5. Acknowledgment is made of a claim for domestic priority u			
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Acknowledgment is made of a claim for domestic priority u	nder 35 U.S.C. §§ 120 and	i/or 121.	
Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of	this application. THIS TH	REE-MONTH PERIOD IS NO	EXTENDABLE
 A SUBSTITUTE OATH OR DECLARATION must be subr INFORMAL PATENT APPLICATION (PTO-152) which gives rea 	nilled. Note the attached E son(s) why the oath or dec	ANNINER S AMENDMENT or laration is deficient.	NOTICE OF
8. CORRECTED DRAWINGS must be submitted. (a) including changes required by the Notice of Draftsper 1) hereto or 2) to Paper No (b) including changes required by the proposed drawing including changes required by the attached Examiner	rson's Patent Drawing Rev	iew (PTO-948) attached nich has been approved by the	
Identifying indicia such as the application number (see 37 CFR 1 of each sheet. The drawings should be filed as a separate paper	l.84(c)) should be written on r with a transmittal letter add	the drawings in the top margin dressed to the Official Draftspers	(not the back) son.
9. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT FOR	osit of BIOLOGICAL MA THE DEPOSIT OF BIOLOG	TERIAL must be submitted. SICAL MATERIAL.	Note the
Attachment(s)			
 1⊠ Notice of References Cited (PTO-892) 3□ Notice of Draftperson's Patent Drawing Review (PTO-948) 5⊠ Information Disclosure Statements (PTO-1449), Paper No. 2 7□ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	4☐ Intervi 6☐ Exami	of Informal Patent Application ew Summary (PTO-413), Pape ner's Amendment/Comment ner's Statement of Reasons for Dung C. I Primary Examples	r Allowance

Claims 23-30 are allowed for the reasons set forth by Applicant in Applicant's response filed on April 10, 2002.

Notice of References Cited

Application/Control No. Applicant(s)/Patent Under Reexamination 09/545,962 MAJOR ET AL. Examiner Art Unit Page 1 of 1

2153

U.S. PATENT DOCUMENTS

Bradley Edelman

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification		
	Α	US-5705995	01-1998	Laflin et al.	340	7.59	
	В	US-5978689	11-1999	Tuoriniemi et al.	455	569	
	С	US-6157318	12-2000	Minata	340	7.58	
	D	US-6178331	01-2001	Holmes et al.	455	466	
	Ε	US-5815081	09-1998	Motohashi	340	7.58	
	F	US-6311282	10-2001	Nelson et al.	713	324	
	G	US-6078826	06-2000	Croft et al.	455	574	
	н	US-5969636	10-1999	Parvulescu et al.	340	7.53	
	1	US-5796806	08-1998	Birckbichler	379	88.2	
	J	US-5604491	02-1997	Coonley et al.	340	7.59	
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A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) lates in MM-YYYY format are publication dates. Classifications may be US or foreign.

AUG 0 7 2000 E TRADEMARY FORM PTO-1449 (Modified) Atty Docket No.: 555255012125 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Serial No.: 09/545,962 Applicant(s): Harry Major, Krishna K. Pathiyal; Gary Mousseau; Mihal Lazaridis **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT Filing Date: April 10, 2000 (Use several sheets if necessary) (37 CFR 1.98(b)) Group: 2756 **U.S. PATENT DOCUMENTS** Exam. Init. Patent Number Issue Date Patentee Class Subclass Filing Date BE 5 6 3 05/16/95 Dulaney, Ill et al. 5 9 0 9 7 08/04/98 4 Tognazzini 5 8 9 2 8 10/06/98 4 Farber et al. 5 11/30/99 9 9 5 5 9 7 Woltz et al. 6 0 0 0 02/08/00 Owens et al. 5 6 0 2 5 3 04/18/00 6 Macko

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OTHER DOCUMENTS (Including	g Author, Title, Date**, Relevant pages, Place of Publication***)
Examiner Buddley adelman	Date Considered 4/18/01
EXAMINER: Initial citation considered. Draw line through communication to applicant.	citation if not in conformance and not considered. Include copy of this form with next

(37 CFR 1.98(b))

INFORMATION DISCLOSURE
STATEMENT BY APPLICANCE
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MADEMAN

Atty Docket No.: 555255012125

Group 2700

Applicant(s): Harry Major, Krishna K. Pathiyal; Gary Mousseau; Mihal Lazaridis

Filing Date: April 10, 2000

Serial No.: 09/545,962

Group: 2756

U.S. PATENT	DOCUMENTS	S

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		5	4	3	8	6	1	1	08/01/95	Campana, Jr. et al.			
		5	4	7	9	4	7	2	12/26/95	Campana, Jr. et al.			
		5	6	2	5	6	7	0	04/29/97	Campana, Jr. et al.			
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		5	3	9	2	3	9	0	02/21/95	Crozier			
		5	6	6	6	5	5	3	09/09/97	Crozier			
		5	4	9	5	4	8	4	02/27/96	Self et al.			
		5	6	0	3	0	5	4	02/11/97	Theimer et al.			
		5	6	7	3	3	2	2	09/30/97	Pepe, et al.			
		5	7	3	7	5	3	1	04/07/98	Ehley			
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	OTHER DOCUMENT Linding Author,	Title, Date**, Relevant pages, Pla Publ	ication***)
BE	Copy of DTS Wireless Website located at D.R.L. http	p://www.dtswireless.com	RECEIVED
BE	"3Com PalmPilot Gets Wireless Link for E-Mail", Spo	ooner, John G., PC Week, December 8, 1997	
BE	"Have Your Pager Call My Pager", Sullivan, Kristina I	3., PC Week, December 8, 1997	AUG 3 2000
Examiner Buy	ndley Elelman	Date Considered 4/18/01	Group 2700
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant:: Major et al.

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	5	6	3	0	0	6	0	05/13/1997	Tang et al.				
	5	7	6	4	6	3	9	06/09/1998	Staples et al.				
	5	7	8	1	6	1	4	07/14/1998	Brunson				
	5	9	3	7	1	6	1	08/10/1999	Mulligan et al.				
	5	9	7	3	6	1	2	10/26/1999	Deo et al.				
	6	0	5	2	7	3	5	04/18/2000	Ulrich et al.				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty Docket No.: 555255012125

Application No.: 09/545,962

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Applicant:: Godfrey et al.

Filed: August 28, 2000

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Technology Center 2100

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RECEIVED Atty Docket No.: 555255012125

Application No.: 09/545,962 AUG 2 7 2001

Applicant:: Major et al.

Technology Center 2100

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Technology Center 2100 Atty Docket No.: 555255012125 FORM PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE Application No.: 09/545,962 PATENT AND TRADEMARK OFFICE Applicant:: Major et al. **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT Filed: April 10, 2000 (Use several sheets if necessary) Group: 2153 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS** Exam. Filing Date Class Subclass Patentee Init. Patent Number Issue Date BE 2 3 8 10/26/1999 Chase, Jr. 5 9 7 38 2 4 07/18/2000 Shaffer et al. 0 9 FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Translation **Publication** Date of the Exam. Subclass Yes No **Document Number** Grant Country or Patent Office Class Init. OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***) **Date Considered** Buadley Sdehman 11/13/01 Examiner EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-14 OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

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JAN 0 9 2002 Atty Docket No.: 555255012125 FORM PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE Application No.: 09/545,962 PATENT AND TRADEMARK OFFICE Applicant: Major et al. INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filed: April 10, 2000 (Use several sheets if necessary) Group: 2153 (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS** Exam. Filing Date Class Subclass Issue Date Patentee Patent Number Init. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Translation Publication Exam. Date of the Yes No Subclass Grant Country or Patent Office Class **Document Number** Init. 02/25/1998 EP 0 8 2 5 8 8 7 7 7 07/31/1997 WO 7 9 OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***) **Date Considered** Examiner EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Application No.: 09/545,962

Applicant:: Major et al.

Filed: April 10, 2000

Group: 2153

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Application Number	09/545,962
Filing Date	04/10/2000
First Named Inventor	Harry Major
Art Unit	2153
Examiner Name	Edelman
Attorney Docket Number	::555255012125

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Application No.: 09/545,962	
Applicant: Major et al.	

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Examiner

Bradley Rollman

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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